

Inventor: Iwamoto
Serial No.: 09/543,628
Art Unit: 1712

Patent
Attty Dkt. No. 100664.0001US1
Honeywell Docket No. 30-5010 (4962)

7. *The device of claim 1 wherein the electronic device further comprises an interface between the first polymer and a substrate.*
8. *The device of claim 1 wherein the electronic device comprises an interface between the first polymer and a second polymer.*
9. *The device of claim 8 wherein the first polymer and the second polymer are chemically different from one another.*

REMARKS

CLAIM OBJECTIONS

Claims 1-9 are objected to because of informalities stated on page 2 of Paper 14. Claim 1 is herein amended, thus mooting the Examiner's objection to claims 1-9.

CLAIM REJECTIONS

The Applicant notes that the rejection of claims 1 and 7-9 for the reasons set forth in Paper No. 9 has been withdrawn.

Claims 2-6, as amended herein, address the rejection noted in Paper No. 9 and Paper No. 14 by deleting the term "group". Further, the Applicant reiterates the arguments made in the Response to Paper No. 9 in view of the amendments presented herein. Specifically, the arguments made regarding the "make and use" provision of the Enablement Requirement of 35 USC 112. The Applicant again reiterates that a person of ordinary skill in the art of semiconductor design and/or polymer chemistry would be able to, without undue experimentation, produce the polymer recited in claim 1 and further in claims 2-6.

Claims 1-9 are rejected under 35 USC 112 as containing subject matter not described in the specification. The Applicant respectfully disagrees, especially in view of the amendments presented

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herein to claim 1 (and subsequently to claims 2-9). Claim 1 is amended herein to recite that the polymer is produced from at least one monomer comprising the formula shown in Claim 1. This amendment should reasonably alleviate the Examiner's concerns regarding Claim 1 and make Claim 1 allowable with regard to 35 USC 112.

35 USC §102

The Applicant notes that the rejection of claims 1 and 6-9 under 35 USC §102(b) as being anticipated by Kurihara et al. has been withdrawn.

The Applicant notes that the rejection of claim 1 under 35 USC §102(b) as being anticipated by Hitachi Chem Co. LTD has been withdrawn.

Claims 1 and 6-9 are rejected under 35 USC §102(b) as being anticipated by Chetcuti (US 5,393,606). The Applicant respectfully disagrees.

Chetcuti discloses charge-transfer complexes of a particular formula, where the "A" component comprises radical anion and the B component comprises a monovalent radical cation. The Examiner points out that the compounds from Chetcuti shown in Column 5, lines 1-5 anticipate the claims of the present application. This assertion by the Examiner is not supported as shown by Column 2, lines 40-66, wherein Chetcuti discloses that the radical cation B may be N-heterocyclic rings having one or two N atoms. And then Chetcuti goes on to state that B is preferably an N-aromatic ring.

Claim 1 of the present application recites, in part, a monomer having three N atoms. Further, the monomer shown in claim 1 is not an N-aromatic ring, such as those shown in Chetcuti. "Anticipation requires the disclosure in a single prior art reference of each element of the claim under consideration." *W. L. Gore & Assocs. v. Garlock, Inc.*, 721 F.2d 1540, 220 USPQ 303, 313 (Fed. Cir. 1983) (citing *Soundsciber Corp. v. United States*, 360 F.2d 954, 148 USPQ 298, 301 (Ct. Cl.), *adopted*, 149 USPQ 640 (Ct. Cl. 1966)) Further, the prior art reference must disclose each element of the claimed invention "arranged as in the claim". *Lindermann Maschinenfabrik GmbH*

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v. American Hoist & Derrick Co., 730 F.2d 1452, 221 USPQ 481, 485 (Fed. Cir. 1984)(citing *Connell v. Sears, Roebuck & Co.*, 722 F.2d 1542, 220 USPQ 193 (Fed. Cir. 1983)). Chetcuti does not teach an electronic device comprising a component that comprises a polymer that is produced from at least one monomer having the formula shown in Claim 1. Based on this argument, along with others such as that discussed above, Chetcuti does not anticipate claim 1 of the present application because Chetcuti is lacking and/or missing at least one specific feature or structural recitation found in the present application, and in claim 1. Claim 1 is therefore allowable as not being anticipated by Chetcuti. Further, Chetcuti does not anticipate claims 2-9 of the present application by virtue of their dependency on claim 1.

REQUEST FOR A TELECONFERENCE

The Applicant respectfully requests a teleconference with the Examiner, if the issues presented in Paper No. 9 and Paper No. 14 are not resolved herein, such that the application is placed in condition for allowance.

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REQUEST FOR ALLOWANCE

Claims 1-9 are pending in this application. The applicant requests allowance of all pending claims.

Respectfully submitted,

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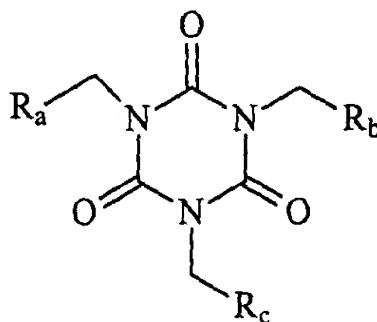
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MARKED UP COPY OF THE CURRENT CLAIMS

We claim:

1. (Twice Amended) An electronic device comprising a component that comprises a polymer that [comprises] is produced from [a] at least one monomer having the formula:



- wherein each of R_a, R_b, R_c are independently selected from the group consisting of: a hydroxylated aliphatic side chain; an epoxy glycol; an ethoxy ether; a glycol ether; an adduct of glycol ether [or] and a bisphenol glycol epoxy; an adduct of an epoxy glycol and an amine such as oxydianiline to form a hydroxylamine; an adduct of a glycol ether and a cycloaliphatic epoxy; and an adduct of hydroxyethyl side chain and a cycloaliphatic epoxy.
2. (Amended) The device of claim 1, wherein the [first] polymer further comprises an oxybis(cyclopentene oxide) [group].
 3. (Amended) The device of claim 1 wherein the [first] polymer further comprises an oxydianiline [group].
 4. (Amended) The device of claim 1 wherein the [first] polymer further comprises a bisphenol A glycidyl Epoxy [group].
 5. (Amended) The device of claim 1 wherein the [first] polymer further comprises a bis 3,4 epoxycyclohexylmethyl adipate [group].

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6. (Amended) The device of claim 1 wherein the [first] polymer further comprises a tris-hydroxyethylisocyanurate.
7. The device of claim 1 wherein the electronic device further comprises an interface between the first polymer and a substrate.
8. The device of claim 1 wherein the electronic device comprises an interface between the first polymer and a second polymer.
9. The device of claim 8 wherein the first polymer and the second polymer are chemically different from one another.